

SEQUENCE LISTING

<110> Tsang et al.

<120> METHODS AND COMPOSITIONS FOR DETECTING LARVAL TAENIA SOLIUM

<130> 6395-62068

<140> 10/048,146

<141> 2000-08-03

<150> US 60/147,318

<151> 1999-08-03

<150> PCT/US00/21173

<151> 2000-08-03

<160> 9

<170> PatentIn version 3.1

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acttgtaact gaacaacctg taga atg cgt gcc tac att gtg ctt ctc gct 171
Met Arg Ala Tyr Ile Val Leu Leu Ala
1 5ctc act gtt ttc gta gtg acg gtg tcg gcc gag tgg gtg ccc att tcg 219
Leu Thr Val Phe Val Val Thr Val Ser Ala Glu Trp Val Pro Ile Ser
10 15 20 25agt gtc cac ata gcc tca tgc aaa agc cac tac atg ttc caa tta aaa 267
Ser Val His Ile Ala Ser Cys Lys Ser His Tyr Met Phe Gln Leu Lys
30 35 40cgc ttt ttt gcc ttt agg aaa aac aaa ccg aaa gat gtt gca aat agt 315
Arg Phe Phe Ala Phe Arg Lys Asn Lys Pro Lys Asp Val Ala Asn Ser
45 50 55acg aaa aaa ggg ata gaa tat gtc cac gaa ttc ttc cac gaa gac ccg 363
Thr Lys Lys Gly Ile Glu Tyr Val His Glu Phe Phe His Glu Asp Pro
60 65 70

att ggt aaa caa att gct caa ctc gca aag gaa tgg aag gaa gca atg Ile Gly Lys Gln Ile Ala Gln Leu Ala Lys Glu Trp Lys Glu Ala Met 75 80 85	411
ttg gaa ggt agg ttt tgg tgt ttt ctg tca gaa gaa aat tat cta ttc Leu Glu Gly Arg Phe Trp Cys Phe Leu Ser Glu Glu Asn Tyr Leu Phe 90 95 100 105	459
att cat cta gac aaa ggc aaa ata cgg acg tca ctg gtt gag cac tgc Ile His Leu Asp Lys Gly Lys Ile Arg Thr Ser Leu Val Glu His Cys 110 115 120	507
aaa ggt cct aag aaa aaa act gct taacttgtca actttcatgc gttcttctct Lys Gly Pro Lys Lys Thr Ala 125	561
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Val Ser Ala Glu Trp Val Pro Ile Ser Ser Val His Ile Ala Ser Cys		
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Lys Ser His Tyr Met Phe Gln Leu Lys Arg Phe Phe Ala Phe Arg Lys		
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Asn Lys Pro Lys Asp Val Ala Asn Ser Thr Lys Lys Gly Ile Glu Tyr		
50	55	60

Val His Glu Phe Phe His Glu Asp Pro Ile Gly Lys Gln Ile Ala Gln			
65	70	75	80

Leu Ala Lys Glu Trp Lys Glu Ala Met Leu Glu Gly Arg Phe Trp Cys		
85	90	95

Phe Leu Ser Glu Glu Asn Tyr Leu Phe Ile His Leu Asp Lys Gly Lys		
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gca aat agt act aag aaa gag ata gaa tat atc cac aat tgg ttt ttc	95
Ala Asn Ser Thr Lys Lys Glu Ile Glu Tyr Ile His Asn Trp Phe Phe	
20 25 30	

cat gat gac ccg att gga aaa caa att gct caa ctc gca aag gac tgg	143
His Asp Asp Pro Ile Gly Lys Gln Ile Ala Gln Leu Ala Lys Asp Trp	
35 40 45	

aat gaa aca gtg cag gaa gcc aaa ggc aaa ttt tgg gcg tca ctg gct	191
Asn Glu Thr Val Gln Glu Ala Lys Gly Lys Phe Trp Ala Ser Leu Ala	
50 55 60	

gag tac tgc aga ggt ctg aag aac aaa act gct taacttgtca actttcatgc	244
Glu Tyr Cys Arg Gly Leu Lys Asn Lys Thr Ala	
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Asp Asp Pro Ile Gly Lys Gln Ile Ala Gln Leu Ala Lys Asp Trp Asn	
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Glu Thr Val Gln Glu Ala Lys Gly Lys Phe Trp Ala Ser Leu Ala Glu
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Tyr Cys Arg Gly Leu Lys Asn Lys Thr Ala
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Val Lys Asn Ile Lys Lys Gly Met Glu Val Val Tyr Lys Phe Phe Tyr
20 25 30

gaa gac ccg ttg gga aag aaa ata gct caa ctc gca aag gac tgg aag 143
Glu Asp Pro Leu Gly Lys Lys Ile Ala Gln Leu Ala Lys Asp Trp Lys
35 40 45

gaa gca atg ttg gaa gcc aga agc aaa gtg cgg gcg tca ctg gct gag 191
Glu Ala Met Leu Glu Ala Arg Ser Lys Val Arg Ala Ser Leu Ala Glu
50 55 60

tac atc aga ggt ctc aag aac gaa gct gct taacttgtca actttcatgc 241
Tyr Ile Arg Gly Leu Lys Asn Glu Ala Ala
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Lys Asn Ile Lys Lys Gly Met Glu Val Val Tyr Lys Phe Phe Tyr Glu

20

25

30

Asp Pro Leu Gly Lys Lys Ile Ala Gln Leu Ala Lys Asp Trp Lys Glu
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Ala Met Leu Glu Ala Arg Ser Lys Val Arg Ala Ser Leu Ala Glu Tyr
50 55 60

Ile Arg Gly Leu Lys Asn Glu Ala Ala
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<223> Amino acid at position 7 may also be valine

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<223> Asparagine at position 21 is an amino acid insertion

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<223> Amino acid at position 14 may also be glycine

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<222> (18)..(19)
<223> Amino acid at position 18 may also be valine

<220>

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<222> (19)..(20)
<223> Amino acid at position 19 may also be histidine

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<223> Amino acid at position 20 may also be arginine

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Tyr Ile Trp His Asn Phe Phe Phe
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<222> (12)..(13)
<223> Amino acid at position 12 may also be aspartic acid

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<223> Tryptophan at position 8 is an amino acid insertion

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Gly Ile Glu Tyr Val His Glu Trp Phe Phe His Glu Asp
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